

PROJECT: RS-972054 MODIFIED VHEDATE JUNE 30 1952

MALLORY MERCURY CELL SIZE HAS BEEN THE LIMITING FACTOR IN REDUCING THE SIZE BATTERY REQUIRED FOR THE URC. ~~5~~ AND HAS PROMPTED THE OPINION TO INCORPORATE IN ONE BATTERY DESIGN ~~AP~~ POWER ^{SUPPLY FOR} ~~FOR~~ EITHER THE URC. ~~5~~ OR THE RS-11. THE SMALLEST CELL AVAILABLE AT THAT TIME WAS THE IR CELL. MALLORY HAS NOW IN PILOT RUN A IRX CELL OF $\frac{1}{3}$ ¹² THE VOLUME OF THE IR CELL WITH A CAPACITY OF 200 MAH. A BATTERY OF ABOUT THE SAME VOLUME AS THE URC. ~~5~~ IS NOW POSSIBLE AND IT IS GLEANED THAT THE AIRFORCE IS HAVING MALLORY DEVELOPE ONE FOR URC. ~~5~~

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